

IN THE SPECIFICATION

At page 6, delete the third full paragraph, and replace it by the following
Preferably the polysaccharides are, starch, hyaluron acid, polyglucane, amylase, dextrin, and disaccharides such as sucrose, saccharose and trehalose. Lipids, Aerosol-OT®, phospholipids and glycolipids are preferably employed as surface-active substances.

At page 6 last paragraph delete and substitute therefore:

In the following, a preferred embodiment of such a coupling medium is described. A mixture of Aerosol-OT® with a weight per cent of 22, trehalose with a weight per cent of 56 and water with a weight per cent of 22 is produced in the following steps:

At page 7 delete the first two lines and substitute therefore:

1. Production of an Aerosol-OT® dispersion with little water for creating a high-viscous dispersion.

At page 9 delete the text and substitute therefore:

A coupling medium of a thin layer of a homogenized mixture of at least one polysaccharide or disaccharide such as trehalose; a surface-active substance such as sodium dioctylsulfosuccinate; and water acts as a coupling medium for transverse ultrasonic waves, when the homogenized mixture is applied to surfaces of a transmitting, respectively receiving, transducer for transverse ultrasonic waves; and a surface of a probe.